

Jensen, Kathleen

From: Jane Staveley [jstaveley@exponent.com]
Sent: Friday, February 08, 2013 9:34 AM
To: Jensen, Kathleen
Cc: Ankley, Gerald
Subject: RE: 17a-Trenbolone Fecundity Data

Thank you very much for your timely response. We'll take a look at this and get back to you if we need anything else.

Best regards,
Jane

Jane Staveley
Senior Managing Scientist

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From: Jensen.Kathleen@epamail.epa.gov [<mailto:Jensen.Kathleen@epamail.epa.gov>]
Sent: Friday, February 08, 2013 10:21 AM
To: Jane Staveley
Cc: Ankley.Gerald@epamail.epa.gov
Subject: 17a-Trenbolone Fecundity Data

Hello Jane,

Gary asked me to provide you with the data from the alpha-trenbolone study. You mentioned Figure 1 specifically so I have attached the data that was used to generate the figure. Please let me know if you would like data from any of the other endpoints and I will be happy to share that with you.

As summarized in the paper, there were four trenbolone treatments plus a control. There were four replicate tanks per treatment, each containing 2 pairs of adult fathead minnows separated by a mesh screen. In the attached Excel file, you will find the treatment/replicate/pair data is organized in columns along with exposure duration (21 days). The numbers in the cells represent the total number of eggs spawned each day. Please note there were several mortalities and one replicate pair where an immature male was incorrectly identified as female.

The data that I have attached is from the second study discussed in the paper. An initial study was conducted at higher trenbolone concentrations and, based on effects observed in that study (i.e., no spawning in any treated tanks and 100% masculinization of females), a second study was conducted at lower trenbolone concentrations. However, we did report analytical data from both studies in the paper (Table 1).

Please let me know if you have any questions or would like to see additional data.

Kathy

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(See attached file: MED alpha-Trenbolone Fecundity Data.xlsx)